
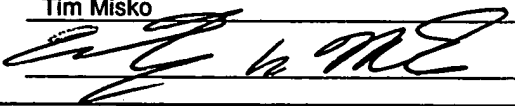
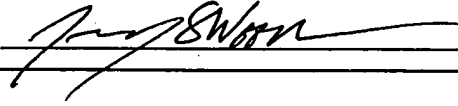


**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

<b>Title of Invention</b>	A DIGITAL IMPLEMENTATION OF MULTI-CHANNEL DEMODULATORS	
<p>As the below named inventor(s), I/we declare that:</p> <p>This declaration is directed to:</p> <p><input type="checkbox"/> The attached application, or</p> <p><input checked="" type="checkbox"/> Application No. 09/956,479, filed on September 18, 2001,</p> <p><input type="checkbox"/> as amended on _____ (if applicable);</p> <p>I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;</p> <p>I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.</p> <p>All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>		
<b>FULL NAME OF INVENTOR(S)</b>		
Inventor 1	<u>Weimin Zhang</u>	Date: <u>04-26-2002</u>
Signature:	<u></u>	Citizen of: <u>United States</u>
Inventor 2	<u>Tim Misko</u>	Date: <u>04-29-2002</u>
Signature:	<u></u>	Citizen of: <u>United States</u>
Inventor 3	<u>Jeremy Woodburn</u>	Date: <u>April 26, 2002</u>
Signature:	<u></u>	Citizen of: <u>United States</u>
Inventor 4	_____	Date: _____
Signature:	_____	Citizen of: _____
<input type="checkbox"/> Additional inventors are being named in form(s) attached hereto.		



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

019927-00180005 H1N

AUGUST 02, 2002

PTAS

TOWNSEND AND TOWNSEND AND CREW LLP  
HORACE NG  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO, CA 94111-3834

Chief Information Officer  
Washington, DC 20231  
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\*102113488A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/28/2002

REEL/FRAME: 012947/0761  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZHANG, WEIMIN

DOC DATE: 04/26/2002

ASSIGNOR:

MISKO, TIM

DOC DATE: 04/29/2002

ASSIGNOR:

WOODBURN, JEREMY

DOC DATE: 04/26/2002

ASSIGNEE:

BROADLOGIC NETWORK TECHNOLOGIES,  
INC.

638 GIBRALTAR COURT  
MILPITAS, CALIFORNIA 95035

SERIAL NUMBER: 09956479

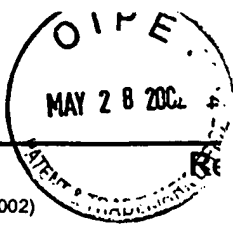
FILING DATE: 09/18/2001

PATENT NUMBER:

ISSUE DATE:

012947/0761 PAGE 2

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



Form PTO-1595  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)

06-06-2002

U.S. Department of Commerce  
U.S. Patent and Trademark Office

Tab settings &gt;&gt;&gt;▼



To the Honorable Commissioner of Pat

102113488

original documents or copy thereof  
of receiving party(ies)

1. Name of conveying party(ies):

WeiMin Zhang

5-28-02

Name: BROADLOGIC NETWORK TECHNOLOGIES, INC.

Internal Address: \_\_\_\_\_

Street Address: 638 Gibraltar Court

City: Milpitas State: CA ZIP: 95035

Additional name(s) of conveying parties attached? ☒ Yes ☐ No.

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Additional names and addresses attached? ☐ Yes ☒ No

Execution Date: April 26, 2002 and April 29, 2002

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s): 09/956,479

B. Patent No(s): \_\_\_\_\_

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Horace Ng  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Horace H. Ng  
Name of Person Signing  
Atty. Reg. No. 39,315

Signature

May 7, 2002  
Date

Total number of pages including cover sheet, attachments and document

Mail documents to be received with required cover to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

06/05/2002 LHM:00000166 201430: 09956479

01 FC:581 40.00 CH

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Tim Misko  
Jeremy Woodburn

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, WeiMin Zhang of 2047 Mandelay Place, San Jose, CA 95138; Tim Misko of 10332 Scenic Circle, Cupertino, CA 95014; Jeremy Woodburn, 117A Germania Street, San Francisco CA 94117; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention:           A DIGITAL IMPLEMENTATION OF MULTI-CHANNEL  
                                  DEMODULATORS

Date(s) of execution of Declaration:   4/26/02, 4/29/02, 4/26/02

Filing Date:                September 18, 2001

Application No.:            09/956,479; and

WHEREAS, BroadLogic Network Technologies, Inc., a corporation of the state of California, located at 638 Gibraltar Court, Milpitas, CA, 95035, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the date of execution of declaration, the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

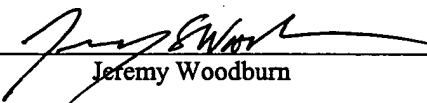
Dated: 04-26-2002

  
WeiMin Zhang

Dated: 04-29-2002

  
Tim Misko

Dated: April 26, 2002

  
Jeremy Woodburn